

10/535053

JC14 Rec'd PCT/PTO 13 MAY 2005

Docket No. MAF-35

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)  
(National Phase of International Appln.:  
PCT/GB2003/004658, Publication No. WO 2004/047143)

Applicant(s): Gareth Rhys Jones, et al

TITLE OF INVENTION: MASS SPECTROMETER

INT'L APPLICATION NO.: PCT/GB2003/004658

INT'L FILING DATE: 28 OCT 2003 (28.10.03)

U.S. SERIAL NO.: TO BE ASSIGNED

FILING DATE: HERewith


ASSIGNEE: MICROMASS UK LIMITED

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

---

CERTIFICATE OF MAILING UNDER 37 CFR 1.10  
EV 578723291 US

I hereby certify that the attached correspondence is being deposited with the United State Postal Service, as "Express Mail" in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 13, 2005 2005.



---

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 CFR 1.56 and 1.98, Applicants wish to bring the publications, references cited and/or patents listed on the attached PTO/SB/08A, Substitute form PTO-1449 and PTO/SB/08B to the attention of the Examiner.

This IDS is being filed under 37 C.F.R. § 1.97 (b).

10/535053

JC14 Rec'd PCT/PTO 13 MAY 2005

Docket No. WAF-35

Because these publications have previously been transmitted by the International Bureau, along with the Search Report, to all the Designated Offices in the corresponding International patent application PCTGB2003/004658, Applicants do not enclose copies herewith.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed per se as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make independent evaluation of the cited publications.

It is respectfully requested that each of the documents shown on the attached substitute form for PTO-1449/PTO/SB08A and PTO/SB08B be made of record in this application. Copies of non-patent documents are enclosed herewith.

#### FEE AUTHORIZATION

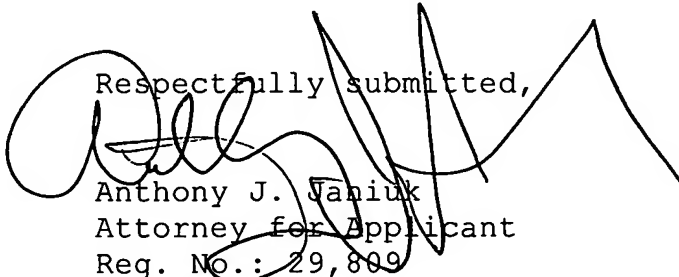
Under 37 C.F.R. § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR § 1.17(p) to our Deposit Account No. 23-0503.

A duplicate copy of this sheet is enclosed.

Early examination and allowance of the present application are respectfully solicited.

Customer No. 43840

MAY 13, 2005

Respectfully submitted,  
  
Anthony J. Janiuk  
Attorney for Applicant  
Reg. No.: 29,809

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

**Complete if Known**

**(Use as many sheets as necessary)**

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

|                        |                          |           |
|------------------------|--------------------------|-----------|
| Application Number     | To be assigned           | 10/535053 |
| Filing Date            |                          |           |
| First Named Inventor   | Gareth Rhys Jones, et al |           |
| Art Unit               | To be assigned           |           |
| Examiner Name          | To be assigned           |           |
| Attorney Docket Number | MAF-35                   |           |

[illegible]

| FOREIGN PATENT DOCUMENTS |                       |  |                                |   |   |                |
|--------------------------|-----------------------|--|--------------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>5</sup> |
|                          |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known) |                                |   |   |                |
|                          | BB                    | EP 0 611 169 A1  | 14-02-94                       | Freedman, P.                                    |   |                |
|                          | BC                    | EP 1 339 089   | 16-04-99                       | Merren, T.                                      |   |                |
|                          | BD                    | FR 2 829 287   | 04-09-01                       | Scigocki, D.                                    |   |                |
|                          |                       |  |                                |   |   |                |
|                          |                       |  |                                |   |   |                |
|                          |                       |  |                                |   |   |                |

|                 |  |
|-----------------|--|
| Date Considered |  |
|-----------------|--|

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Approved for use through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

**Complete if Known**

*(Use as many sheets as necessary)*

**To be assigned**

---

Gareth Rhys Jones, et al

**To be assigned**

**To be assigned**

2

of

2

MAF-35

**Examine  
Initials\***

Cite  
No.<sup>1</sup>

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T<sup>2</sup>

CC

SAXTON, J. M. et al: "The Manchester Isolab 54 ion microprobe" Elsevier Scientific Publishing Co., vol. 154, no. 1, (1996-05-31), pages 99-131.

**Examiner  
Signature**

Date \_\_\_\_\_

**Considered**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***